

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090823\
 Data File : BM041745.D
 Acq On : 09 Sep 2023 00:18
 Operator : MA/JU
 Sample : PB155273BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 09 01:33:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

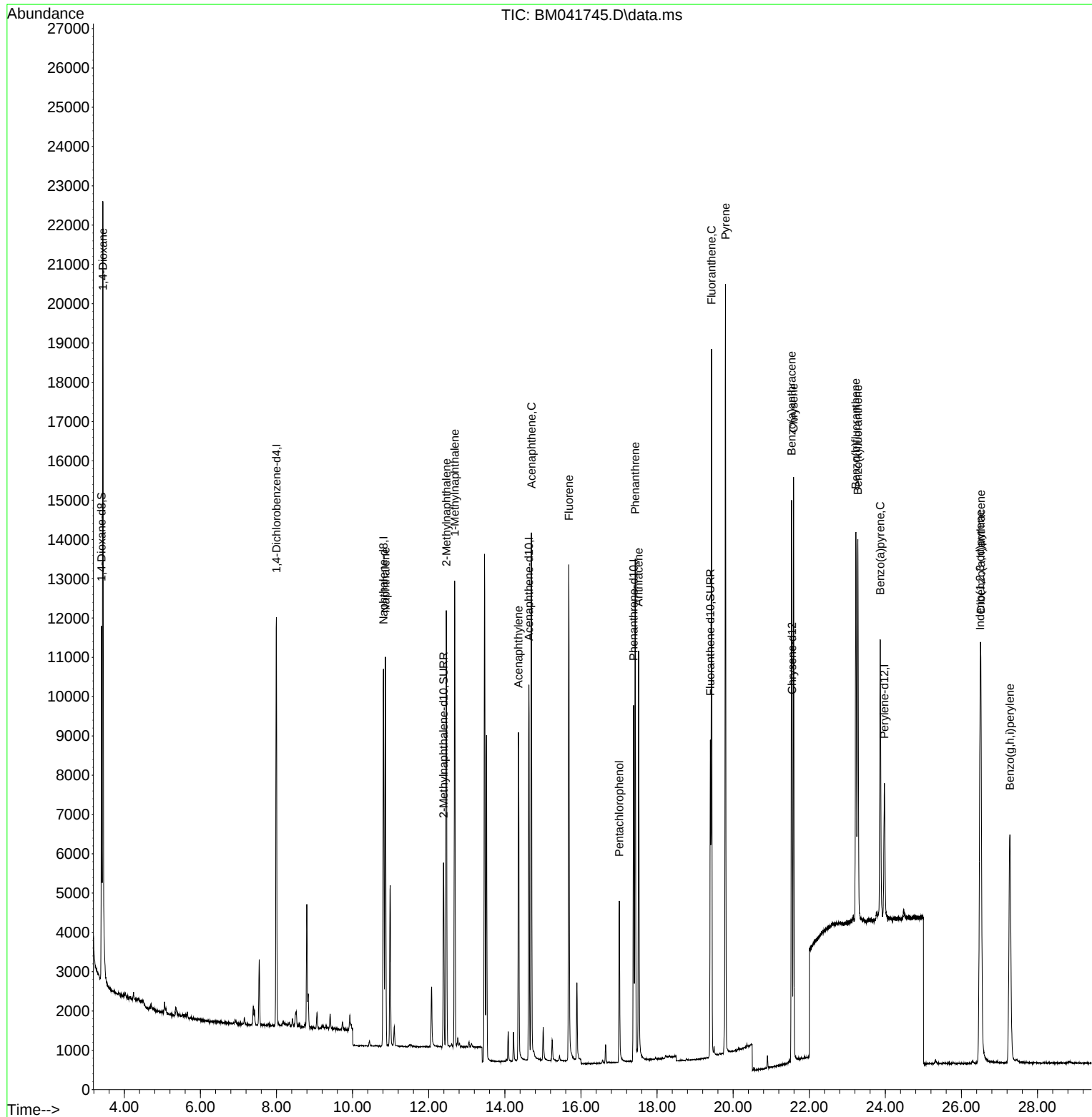
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	5178	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	12358	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.634	164	4932	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.384	188	9703	0.400	ng/u1	0.00
17) Chrysene-d12	21.551	240	4248	0.400	ng/u1	0.00
23) Perylene-d12	23.977	264	4658	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	5072	0.641	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.390	152	5662	0.356	ng/u1	0.00
18) Fluoranthene-d10	19.404	212	7297	0.354	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	12199	1.484	ng/u1	92
5) Naphthalene	10.862	128	13083	0.322	ng/u1	99
7) 2-Methylnaphthalene	12.462	142	7429	0.322	ng/u1	100
8) 1-Methylnaphthalene	12.682	142	7889	0.341	ng/u1	99
10) Acenaphthylene	14.361	152	9963	0.327	ng/u1	99
11) Acenaphthene	14.699	153	7726	0.326	ng/u1	98
12) Fluorene	15.684	166	8562	0.322	ng/u1	99
14) Pentachlorophenol	17.008	266	2870	0.739	ng/u1	99
15) Phenanthrene	17.426	178	13696	0.334	ng/u1	100
16) Anthracene	17.519	178	11881	0.338	ng/u1	99
19) Fluoranthene	19.431	202	15021	0.300	ng/u1	98
20) Pyrene	19.799	202	15566	0.313	ng/u1	98
21) Benzo(a)anthracene	21.536	228	11574	0.334	ng/u1	99
22) Chrysene	21.589	228	12238	0.327	ng/u1	100
24) Benzo(b)fluoranthene	23.225	252	13309	0.319	ng/u1	100
25) Benzo(k)fluoranthene	23.278	252	12504	0.306	ng/u1	99
26) Benzo(a)pyrene	23.866	252	11015	0.325	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.492	276	15442	0.332	ng/u1	97
28) Dibenzo(a,h)anthracene	26.509	278	10966	0.337	ng/u1	99
29) Benzo(g,h,i)perylene	27.273	276	13520	0.328	ng/u1	99

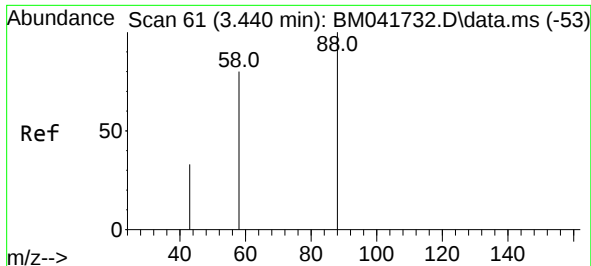
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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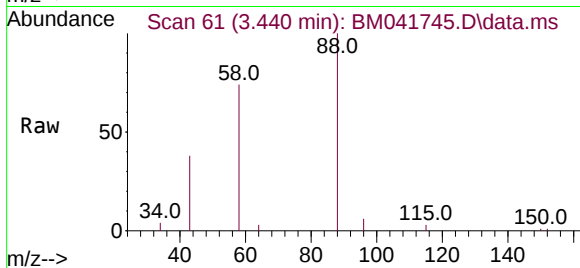
Quant Time: Sep 09 01:33:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration



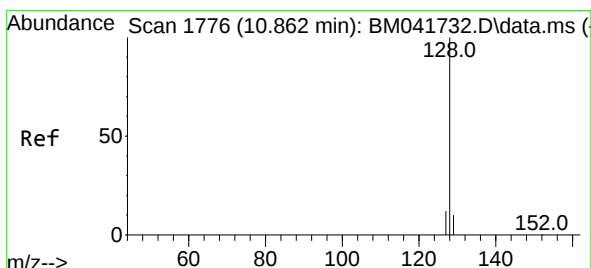
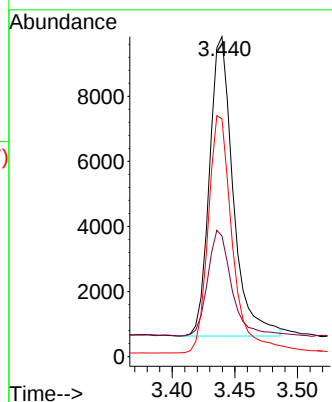
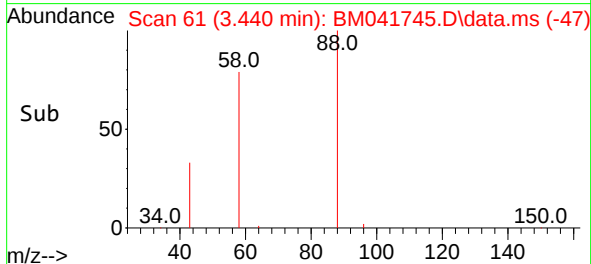


#2
1,4-Dioxane
Concen: 1.484 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

Instrument :
BNA_M
ClientSampleId :

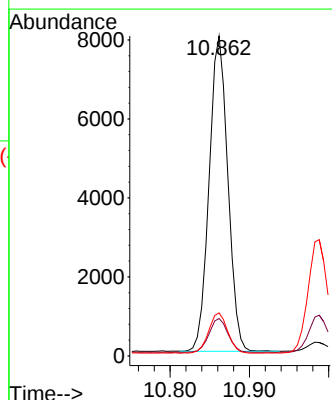
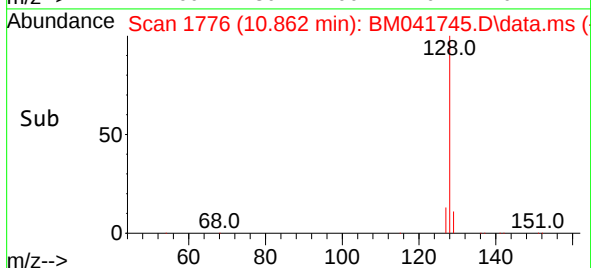
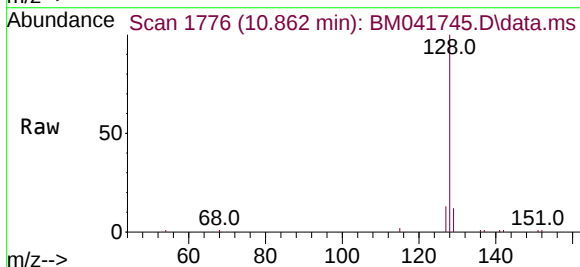


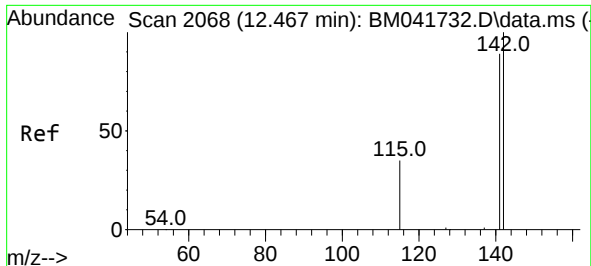
Tgt Ion: 88 Resp: 12199
Ion Ratio Lower Upper
88 100
43 37.7 33.8 50.6
58 74.3 54.2 81.2



#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

Tgt Ion: 128 Resp: 13083
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.4 11.0 16.6

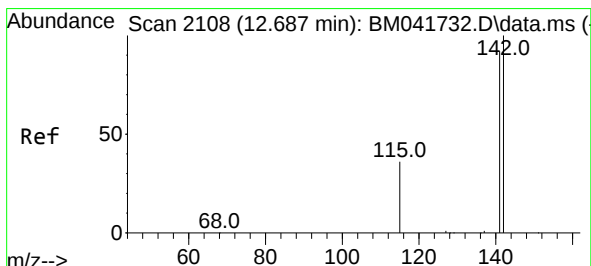
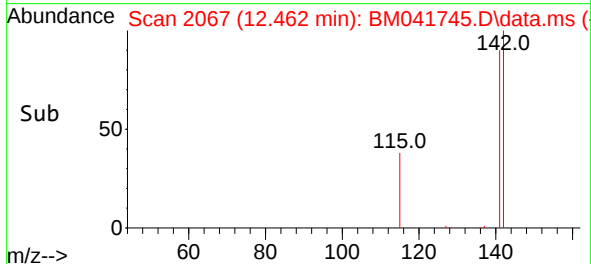
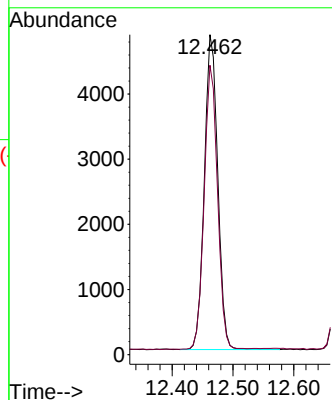
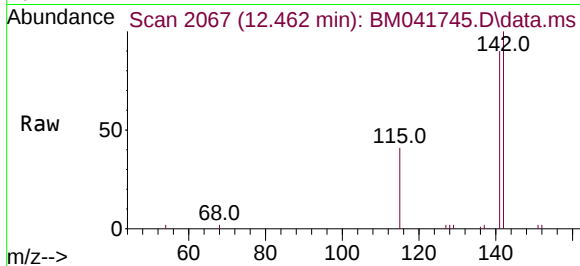




#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

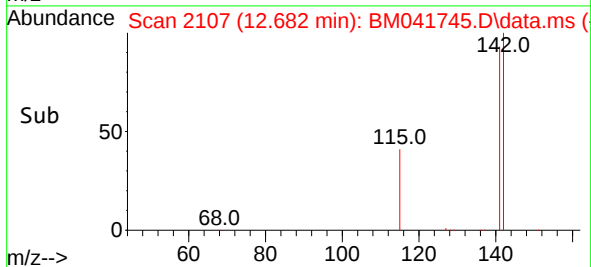
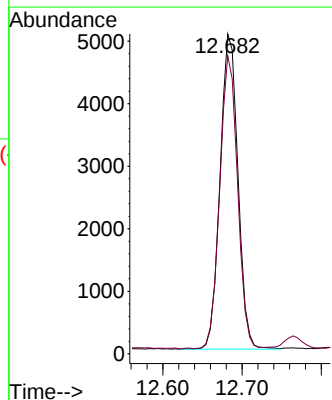
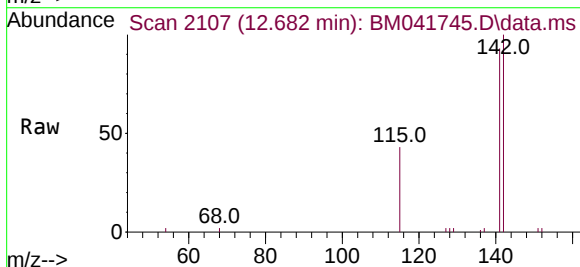
Instrument :
BNA_M
ClientSampleId :

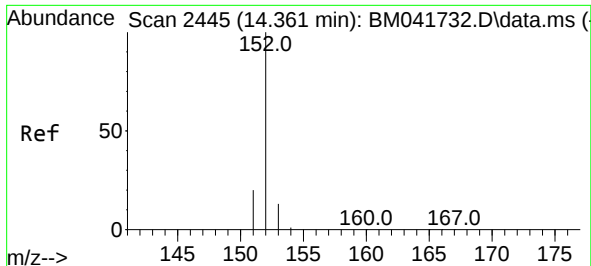
Tgt Ion:142 Resp: 7429
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

Tgt Ion:142 Resp: 7889
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6

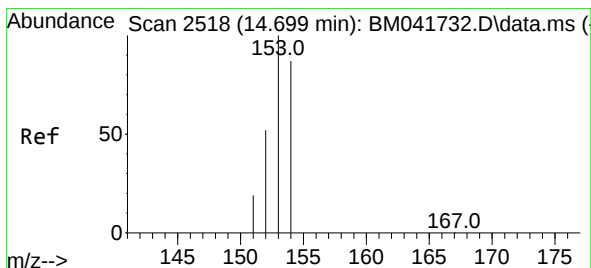
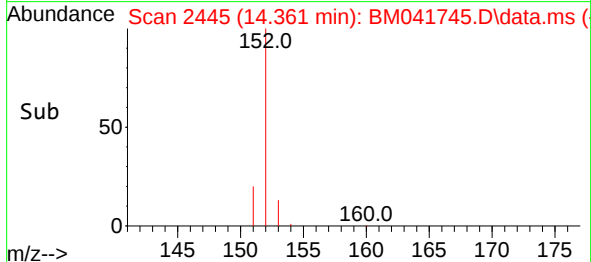
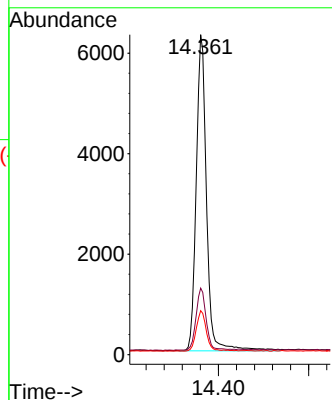
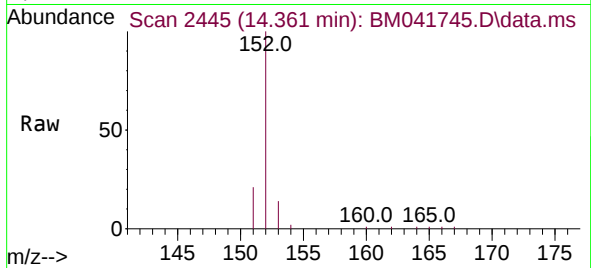




#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

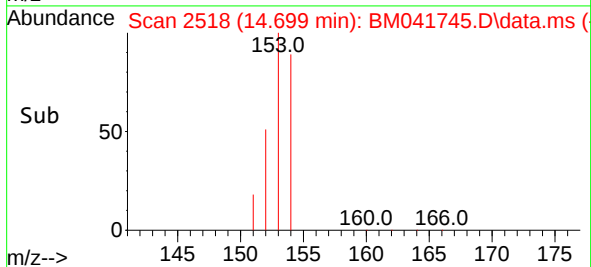
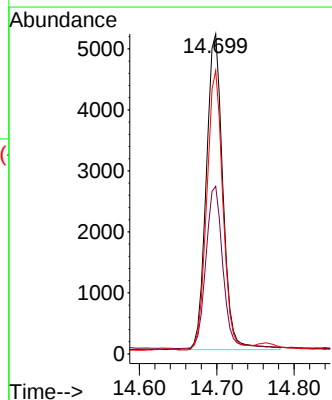
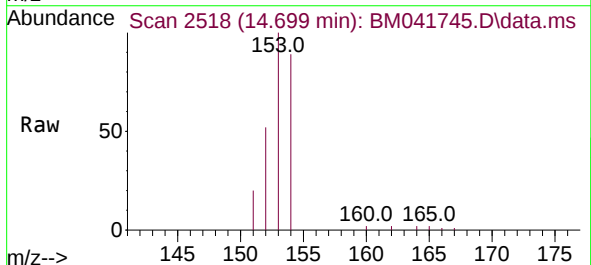
Instrument :
BNA_M
ClientSampleId :

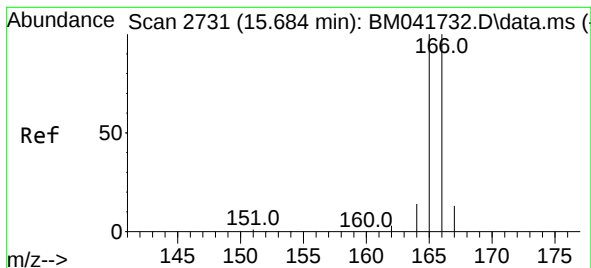
Tgt Ion:152 Resp: 9963
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.699 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

Tgt Ion:153 Resp: 7726
Ion Ratio Lower Upper
153 100
152 52.4 43.4 65.2
154 88.5 69.4 104.0





#12

Fluorene

Concen: 0.322 ng/ul

RT: 15.684 min Scan# 2731

Delta R.T. 0.000 min

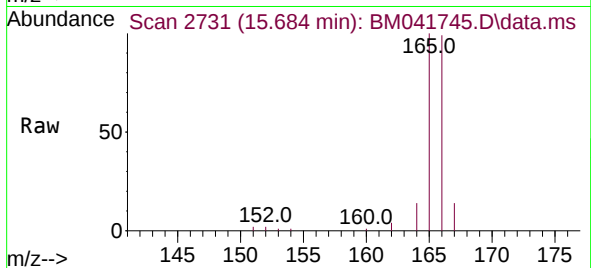
Lab File: BM041745.D

Acq: 09 Sep 2023 00:18

Instrument :

BNA_M

ClientSampleId :



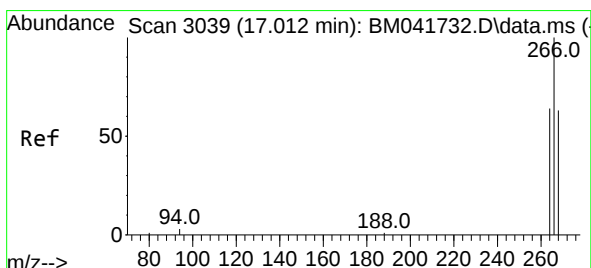
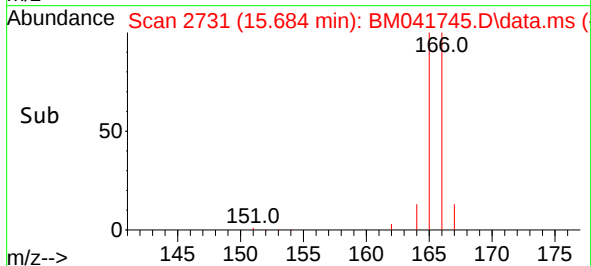
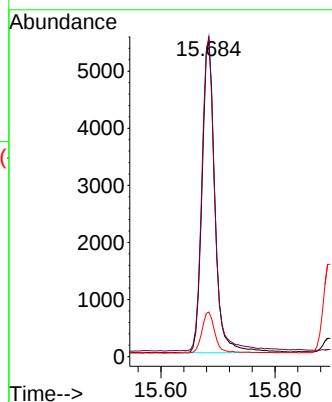
Tgt Ion:166 Resp: 8562

Ion Ratio Lower Upper

166 100

165 101.0 79.4 119.2

167 14.1 11.3 16.9



#14

Pentachlorophenol

Concen: 0.739 ng/ul

RT: 17.008 min Scan# 3038

Delta R.T. -0.004 min

Lab File: BM041745.D

Acq: 09 Sep 2023 00:18

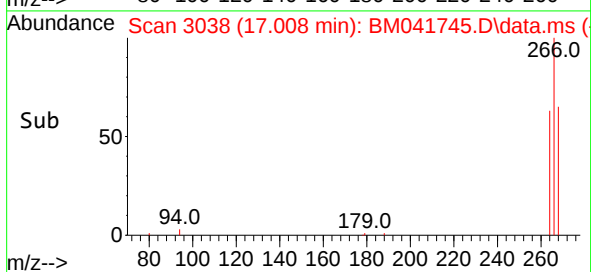
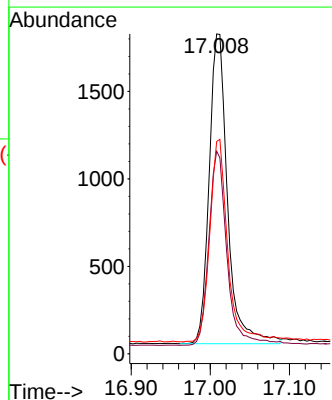
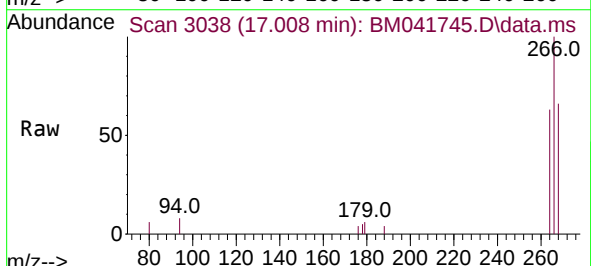
Tgt Ion:266 Resp: 2870

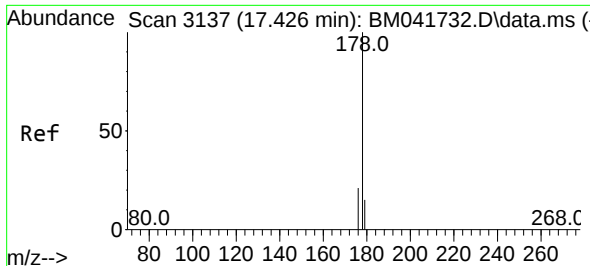
Ion Ratio Lower Upper

266 100

264 61.9 50.0 75.0

268 64.0 50.8 76.2

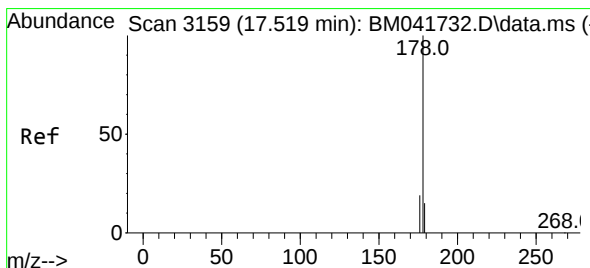
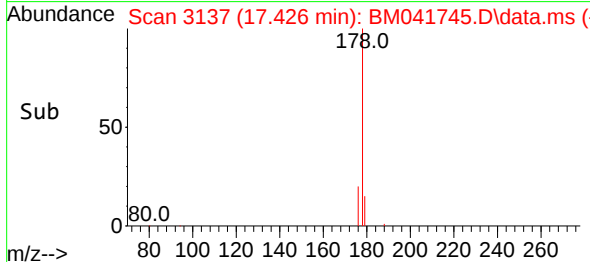
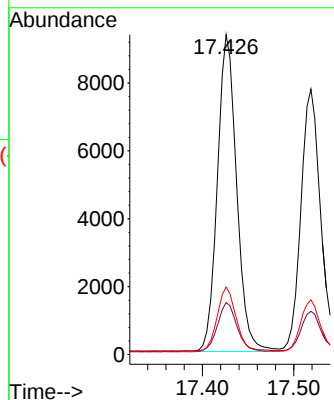
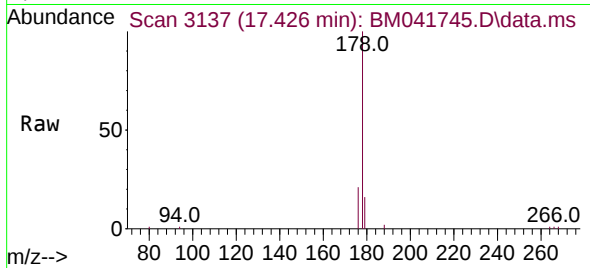




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

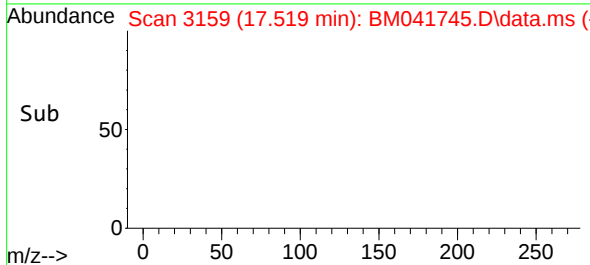
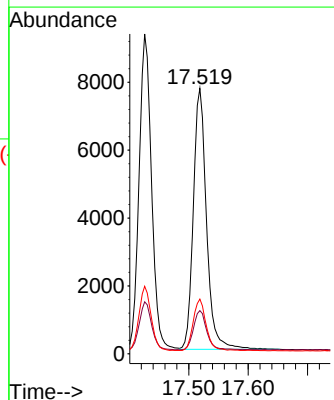
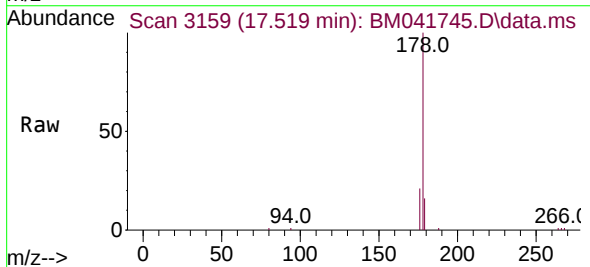
Instrument :
BNA_M
ClientSampleId :

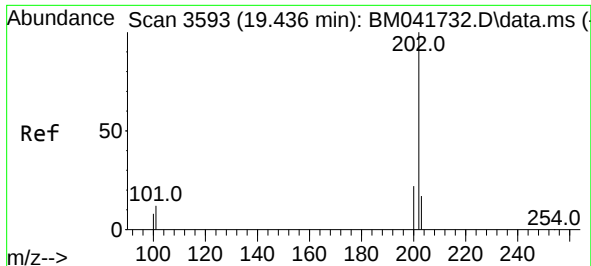
Tgt Ion:178	Resp:	13696
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.9 19.3
176	21.1	16.9 25.3



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.519 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

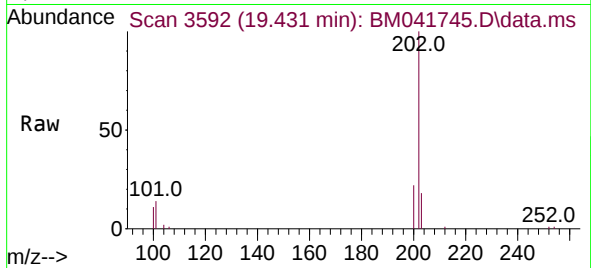
Tgt Ion:178	Resp:	11881
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.9 19.3
176	20.6	15.8 23.8



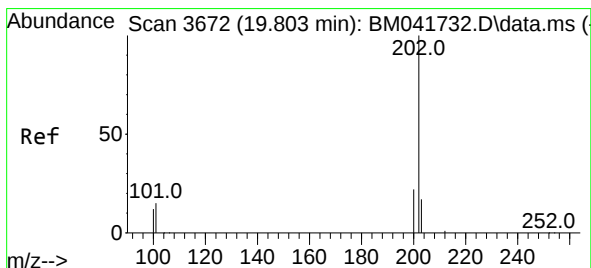
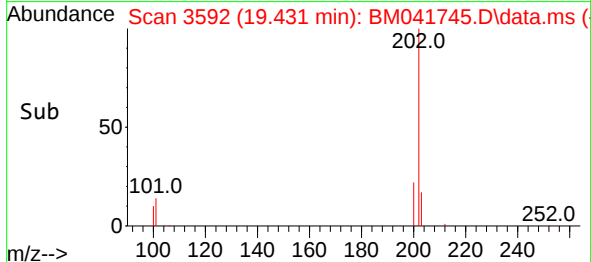
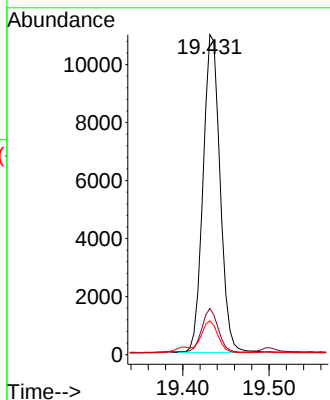


#19
Fluoranthene
Concen: 0.300 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. -0.004 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

Instrument :
BNA_M
ClientSampleId :

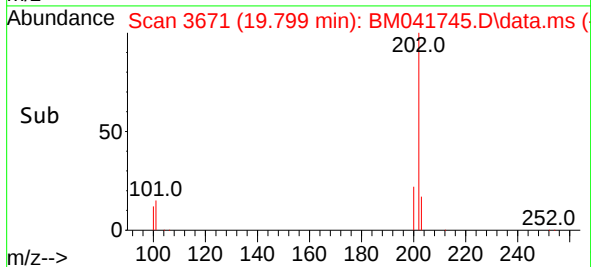
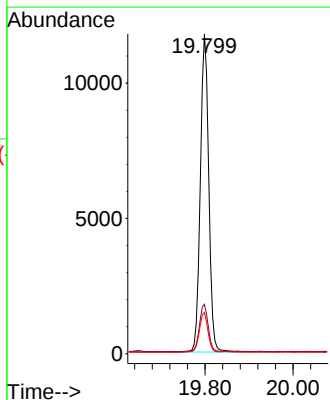
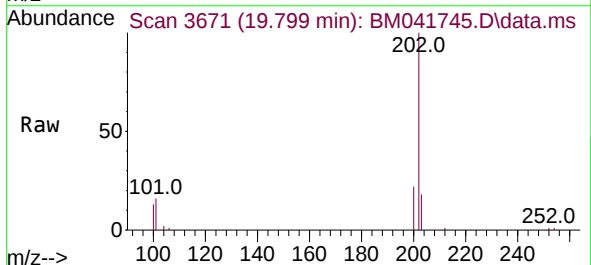


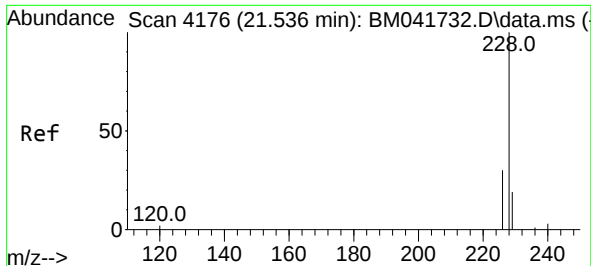
Tgt Ion:202 Resp: 15021
Ion Ratio Lower Upper
202 100
101 14.4 10.5 15.7
100 10.5 8.4 12.6



#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.799 min Scan# 3671
Delta R.T. -0.004 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

Tgt Ion:202 Resp: 15566
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.8
100 12.9 9.8 14.6

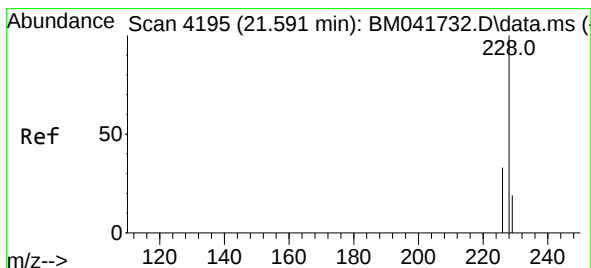
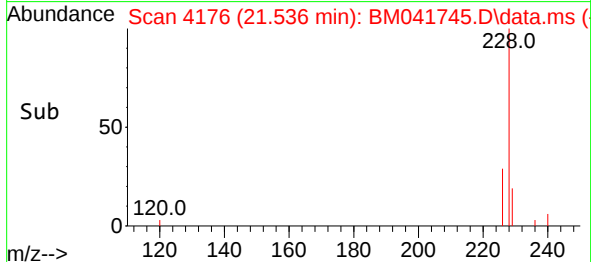
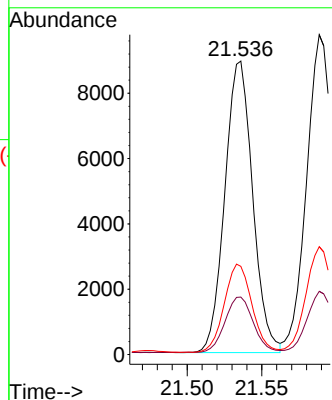
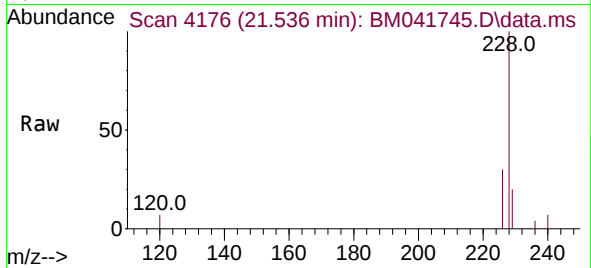




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

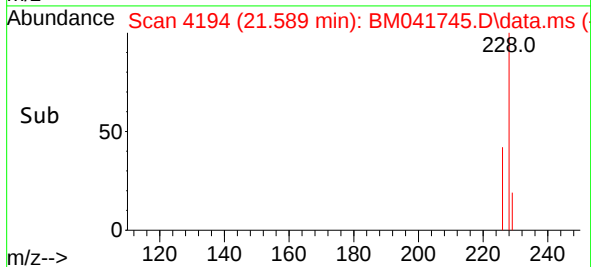
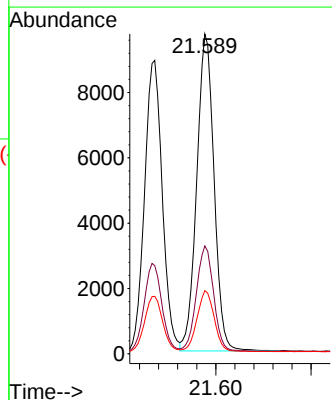
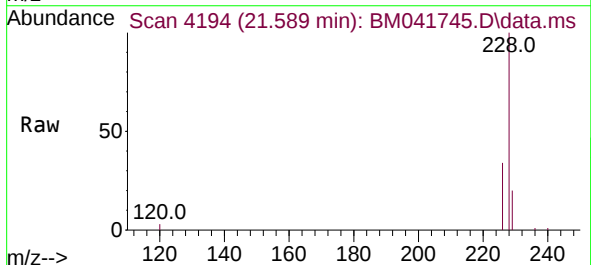
Instrument :
BNA_M
ClientSampleId :

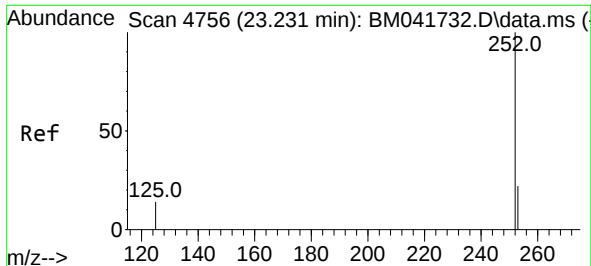
Tgt Ion:228 Resp: 11574
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 30.0 24.8 37.2



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.589 min Scan# 4194
Delta R.T. -0.003 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

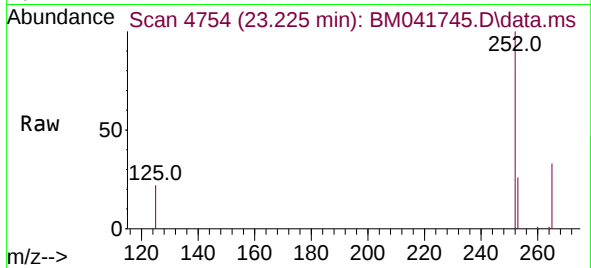
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Ion Ratio Lower Upper
228 100
226 33.7 27.0 40.6
229 19.8 15.4 23.2



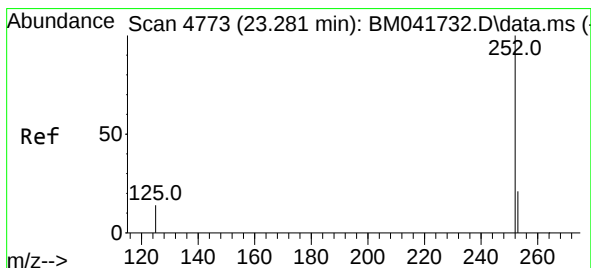
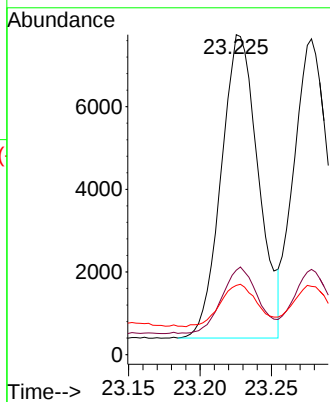
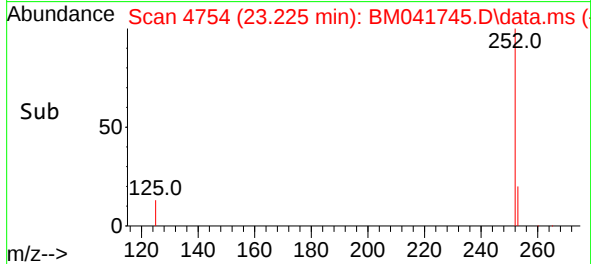


#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.225 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

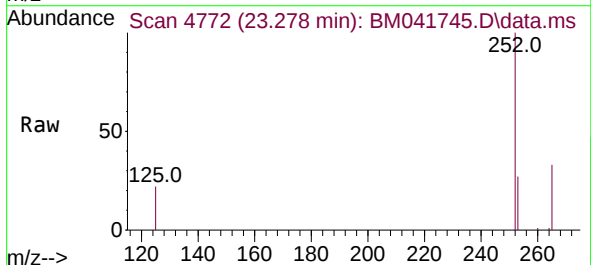
Instrument :
BNA_M
ClientSampleId :



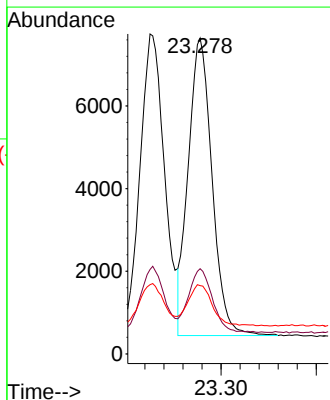
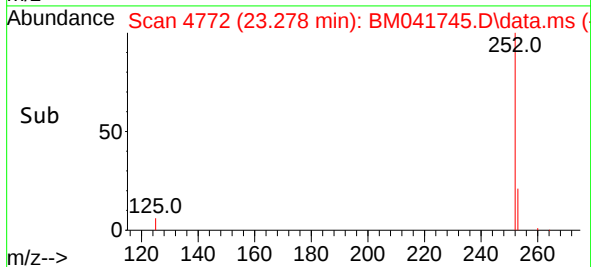
Tgt Ion:252 Resp: 13309
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.4
125 21.6 0.0 42.8

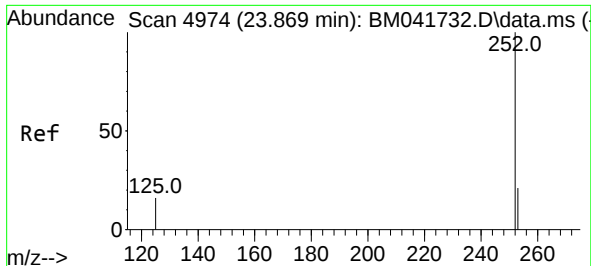


#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18



Tgt Ion:252 Resp: 12504
Ion Ratio Lower Upper
252 100
253 27.0 21.3 31.9
125 21.6 17.4 26.0

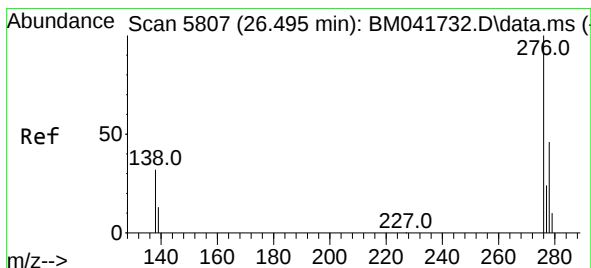
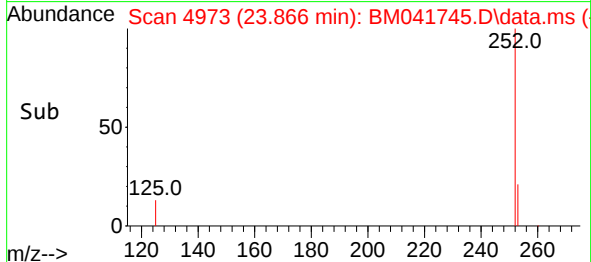
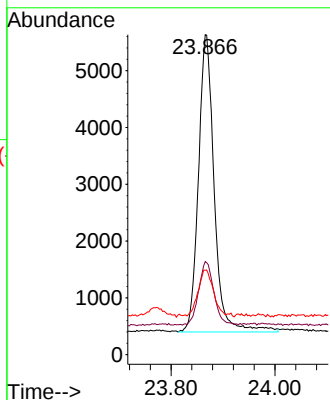
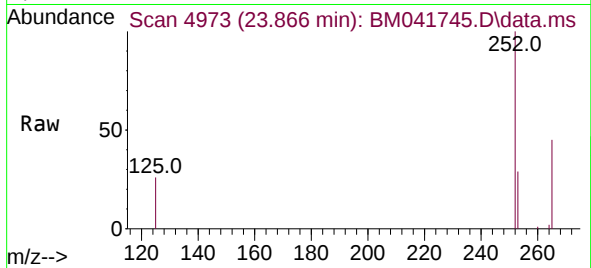




#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.866 min Scan# 4973
Delta R.T. -0.009 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

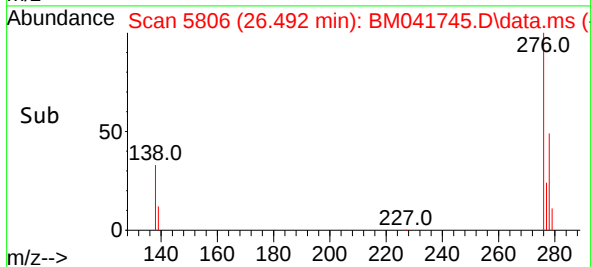
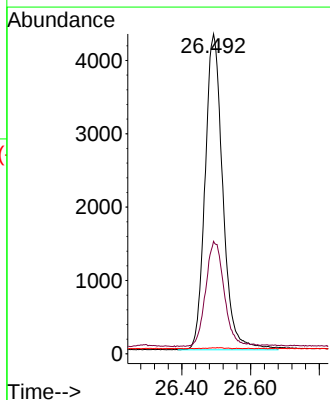
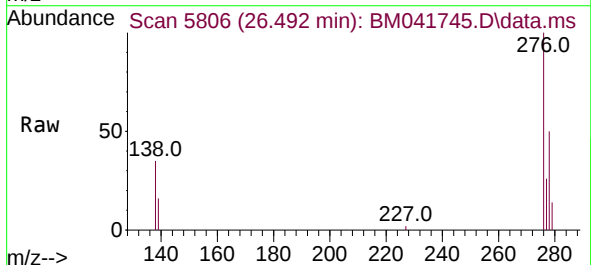
Instrument :
BNA_M
ClientSampleId :

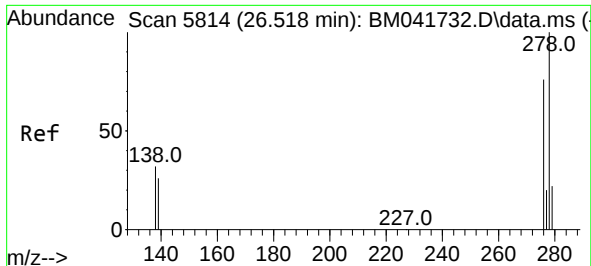
Tgt Ion:252 Resp: 11015
Ion Ratio Lower Upper
252 100
253 29.1 22.4 33.6
125 26.4 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 26.492 min Scan# 5806
Delta R.T. -0.009 min
Lab File: BM041745.D
Acq: 09 Sep 2023 00:18

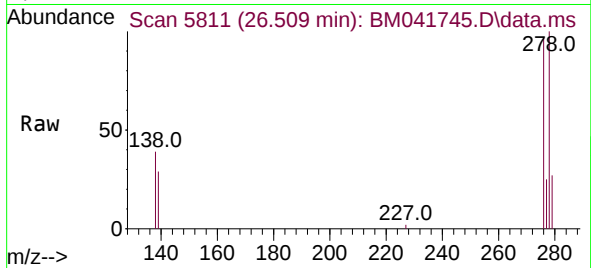
Tgt Ion:276 Resp: 15442
Ion Ratio Lower Upper
276 100
138 34.6 26.4 39.6
227 0.1 0.1 0.1



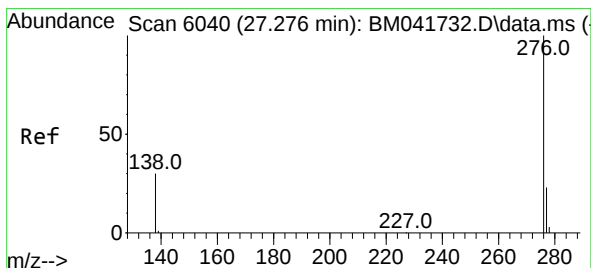
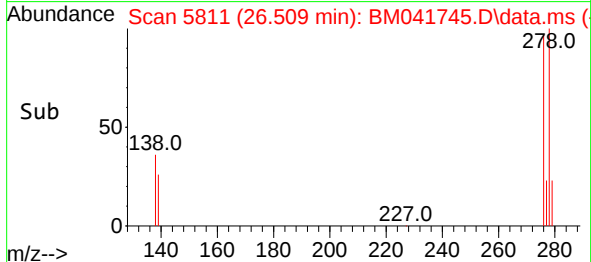
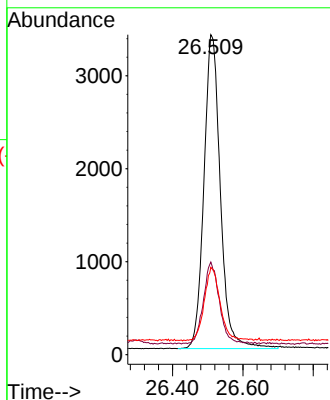


#28
 Dibenzo(a,h)anthracene
 Concen: 0.337 ng/ul
 RT: 26.509 min Scan# 5814
 Delta R.T. -0.013 min
 Lab File: BM041745.D
 Acq: 09 Sep 2023 00:18

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 10966
 Ion Ratio Lower Upper
 278 100
 139 29.0 23.0 34.6
 279 27.3 22.9 34.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.328 ng/ul
 RT: 27.273 min Scan# 6039
 Delta R.T. -0.013 min
 Lab File: BM041745.D
 Acq: 09 Sep 2023 00:18

Tgt Ion:276 Resp: 13520
 Ion Ratio Lower Upper
 276 100
 138 31.7 25.0 37.4
 277 25.1 20.2 30.2

